

## Forestland Interpretations

Forestland interpretations are important to good management. The management of trees begins with an understanding of the soil where they grow or are to be grown. Some soils are very suitable for growing wood crops; others barely support tree cover. Different tree species may vary in production on the same soil.

Forestland interpretations should be used to assist land users in planning, installing, and maintaining forestland management systems.

### *Forest Management and Productivity*

The Forestland Management and Productivity tables presents information about suitable for producing timber for each soil map unit. Management concerns, which include hazard of erosion, equipment use, seedling mortality, and windthrow hazard, are listed by ratings of SLIGHT, MODERATE, or SEVERE. Information on potential productivity includes plant competition, common trees, site index, productivity class, and trees to plant.

### *Management Concerns*

**EROSION HAZARD** - the risk of erosion is slight if the expected soil loss is small; moderate if some measures are needed to control erosion during logging; and severe if intensive management or special equipment and methods are needed to prevent excessive loss of soil.

**EQUIPMENT LIMITATION** - A rating of slight indicates that use of equipment is not limited to a particular kind of equipment or time of year; moderate indicates a short seasonal limitation, or a need for some modification in management of equipment; and severe indicates a seasonal limitation, a need for special equipment or management, or a hazard in the use of equipment.

**SEEDLING MORTALITY** - The ratings are for seedlings from a good planting stock that are properly planted during a period of sufficient rainfall. A rating of slight indicates that the expected mortality of the planted seedlings is less than 25 percent; moderate - 25 to 50 percent; and severe - more than 50 percent.

**WINDTHROW HAZARD** - A rating of slight indicates that trees in wooded areas are not expected to be blown down by commonly occurring winds; moderate - that some trees are blown down during periods of excessive soil wetness and strong winds; and severe that many trees are blown down during periods of excessive soil wetness and moderate or strong winds.

**PLANT COMPETITION** - A rating of slight indicates little or no competition from other plants; moderate indicates that plant competition is expected to hinder the development of the fully stocked stand of desirable trees; and severe means that plant

competition is expected to prevent the establishment of a desirable stand unless the site is intensively prepared, weeded, or otherwise managed for the control of undesirable plants.

**POTENTIAL PRODUCTIVITY** - This is discussed under the ordination class symbol.

**COMMON TREES** - Trees that generally occur on the soil are listed regardless of economic importance.

**SITE INDEX AND PRODUCTIVITY CLASS** - These are discussed under ordination class symbol.

**TREES TO PLANT** - Trees that are suitable for commercial wood production and that are adapted to the soil.

See the National Forestry Manual, Subpart B for criteria used in rating management concerns.

*This subsection includes:*

- **(a) Forest Management (one or two tables)**

Table 8a.--Forestland Management

(The information in this report indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Hand planting suitability		Mechanical planting suitability		Harvest equipment operability		Mechanical site preparation (surface)		Road suitability (natural surface)	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
70030:										
Noark-----	Limited		Limited		Not limited		Limited		Moderately limited	
	~small stones	0.86	~small stones	0.86			~small stones	0.87	~slippage potential	0.50
	(limited)		(limited)				(limited)		(moderately limited)	
			~slope	0.10						
			(slightly limited)							
Clarksville----	Moderately limited		Moderately limited		Not limited		Slightly limited		Moderately limited	
	~small stones	0.42	~small stones	0.42			~small stones	0.30	~slippage potential	0.50
	(moderately limited)		(moderately limited)				(slightly limited)		(moderately limited)	
			~slope	0.10						
			(slightly limited)							
70031:										
Hailey-----	Moderately limited		Limited		Moderately limited		Moderately limited		Very limited	
	~very sandy (surface)	0.50	~slope	0.99	~slope	0.60	~slope	0.60	~slope	1.00
	(moderately limited)		(limited)		(moderately limited)		(moderately limited)		(very limited)	
	~small stones	0.20	~very sandy (surface)	0.50	~very sandy (surface)	0.50	~large stones	0.03	~slippage potential	0.90
	(slightly limited)		(moderately limited)		(moderately limited)		(slightly limited)		(limited)	
	~slope	0.14	~large stones	0.30					~very sandy (surface)	0.50
	(slightly limited)		(moderately limited)						(moderately limited)	
Rueter-----	Limited		Limited		Moderately limited		Limited		Very limited	
	~small stones	0.73	~slope	0.99	~slope	0.60	~small stones	0.73	~slope	1.00
	(limited)		(limited)		(moderately limited)		(limited)		(very limited)	
	~slope	0.14	~small stones	0.73			~slope	0.60	~slippage potential	0.50
	(slightly limited)		(limited)				(moderately limited)		(moderately limited)	
70032:										
Tonti-----	Slightly limited		Slightly limited		Slightly limited		Slightly limited		Slightly limited	
	~small stones	0.04	~small stones	0.04	~seasonal wetness	0.20	~seasonal wetness	0.20	~seasonal wetness	0.20
	(slightly limited)		(slightly limited)		(slightly limited)		(slightly limited)		(slightly limited)	
70033:										
Moko-----	Moderately limited		Very limited		Moderately limited		Very limited		Limited	
	~stickiness (surface)	0.50	~restrictive layer	1.00	~stickiness (surface)	0.50	~restrictive layer	1.00	~slope	0.68
	(moderately limited)		(very limited)		(moderately limited)		(very limited)		(limited)	
	~large stones	0.30	~large stones	0.60			~stickiness (surface)	0.50	~slippage potential	0.50
	(moderately limited)		(moderately limited)				(moderately limited)		(moderately limited)	
			~stickiness (surface)	0.50			~large stones	0.30	~stickiness (surface)	0.50
			(moderately limited)				(moderately limited)		(moderately limited)	

Table 8a.--Forestland Management--Continued

Map symbol and soil name	Hand planting suitability		Mechanical planting suitability		Harvest equipment operability		Mechanical site preparation (surface)		Road suitability (natural surface)	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
70033:										
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
70034:										
Moko-----	Limited		Very limited		Limited		Limited		Very limited	
	~small stones	0.86	~slope	1.00	~slope	0.87	~slope	0.87	~slope	1.00
	(limited)		(very limited)		(limited)		(limited)		(very limited)	
	~slope	0.23	~small stones	0.86			~small stones	0.87	~slippage potential	0.50
	(slightly limited)		(limited)				(limited)		(moderately limited)	
Blueye-----	Moderately limited		Limited		Moderately limited		Moderately limited		Very limited	
	~small stones	0.60	~slope	0.87	~slope	0.42	~small stones	0.60	~slope	1.00
	(moderately limited)		(limited)		(moderately limited)		(moderately limited)		(very limited)	
	~slope	0.10	~small stones	0.60			~slope	0.42		
	(slightly limited)		(moderately limited)				(moderately limited)			
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
70035:										
Sonsac-----	Slightly limited		Limited		Moderately limited		Slightly limited		Very limited	
	~slope	0.05	~slope	0.72	~low strength	0.50	~slope	0.20	~slope	1.00
	(slightly limited)		(limited)		(moderately limited)		(slightly limited)		(very limited)	
	~small stones	0.00	~small stones	0.00	~slope	0.20			~slippage potential	0.50
	(slightly limited)		(slightly limited)		(slightly limited)				(moderately limited)	
			~large stones	0.00					~low strength	0.50
			(slightly limited)						(moderately limited)	
Gobbler-----	Moderately limited		Limited		Slightly limited		Slightly limited		Very limited	
	~small stones	0.42	~slope	0.72	~slope	0.20	~small stones	0.30	~slope	1.00
	(moderately limited)		(limited)		(slightly limited)		(slightly limited)		(very limited)	
	~slope	0.05	~small stones	0.42			~slope	0.20		
	(slightly limited)		(moderately limited)				(slightly limited)			
70036:										
Sonsac-----	Limited		Very limited		Limited		Limited		Very limited	
	~small stones	0.86	~slope	1.00	~slope	0.79	~small stones	0.87	~slope	1.00
	(limited)		(very limited)		(limited)		(limited)		(very limited)	
	~slope	0.20	~small stones	0.86			~slope	0.79	~slippage potential	0.50
	(slightly limited)		(limited)				(limited)		(moderately limited)	
Gobbler-----	Very limited		Limited		Moderately limited		Limited		Very limited	
	~small stones	0.99	~small stones	0.99	~slope	0.60	~small stones	1.00	~slope	1.00
	(limited)		(limited)		(moderately limited)		(limited)		(very limited)	
	~slope	0.14	~slope	0.99			~slope	0.60		
	(slightly limited)		(limited)				(moderately limited)			
			~surface stones	0.45						
			(moderately limited)							

Table 8a.--Forestland Management--Continued

Map symbol and soil name	Hand planting suitability		Mechanical planting suitability		Harvest equipment operability		Mechanical site preparation (surface)		Road suitability (natural surface)	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
70037:										
Sonsac-----	Limited		Very limited		Very limited		Very limited		Very limited	
	~small stones	0.73	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~slope	0.60	~small stones	0.73			~small stones	0.73		
	(moderately limited)		(limited)				(limited)			
Rueter-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~small stones	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~slope	0.60	~small stones	1.00	~very sandy (surface)	0.50	~small stones	1.00	~very sandy (surface)	0.50
	(moderately limited)		(very limited)		(moderately limited)		(very limited)		(moderately limited)	
	~very sandy (surface)	0.50	~very sandy (surface)	0.50						
	(moderately limited)		(moderately limited)							
70038:										
Moko-----	Limited		Very limited		Moderately limited		Very limited		Moderately limited	
	~large stones	0.68	~large stones >35%	1.00	~stickiness (surface)	0.50	~restrictive layer	1.00	~slippage potential	0.50
	(limited)		(very limited)		(moderately limited)		(very limited)		(moderately limited)	
	~stickiness (surface)	0.50	~restrictive layer	1.00			~large stones	0.68	~stickiness (surface)	0.50
	(moderately limited)		(very limited)				(limited)		(moderately limited)	
	~small stones	0.02	~stickiness (surface)	0.50			~stickiness (surface)	0.50		
	(slightly limited)		(moderately limited)				(moderately limited)			
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
70050:										
Rueter-----	Moderately limited		Moderately limited		Not limited		Slightly limited		Limited	
	~small stones	0.42	~slope	0.47			~small stones	0.30	~slope	0.76
	(moderately limited)		(moderately limited)				(slightly limited)		(limited)	
			~small stones	0.42					~slippage potential	0.50
			(moderately limited)						(moderately limited)	
Goss-----	Slightly limited		Moderately limited		Moderately limited		Not limited		Limited	
	~small stones	0.17	~slope	0.47	~low strength	0.50			~slope	0.76
	(slightly limited)		(moderately limited)		(moderately limited)				(limited)	
			~small stones	0.17					~low strength	0.50
			(slightly limited)						(moderately limited)	
70051:										
Hailey-----	Moderately limited		Limited		Moderately limited		Moderately limited		Very limited	
	~small stones	0.33	~slope	0.99	~slope	0.60	~slope	0.60	~slope	1.00
	(moderately limited)		(limited)		(moderately limited)		(moderately limited)		(very limited)	
	~slope	0.14	~small stones	0.33			~small stones	0.15	~slippage potential	0.90
	(slightly limited)		(moderately limited)				(slightly limited)		(limited)	
	~large stones	0.03	~large stones	0.30			~large stones	0.03		
	(slightly limited)		(moderately limited)				(slightly limited)			

Table 8a.--Forestland Management--Continued

Map symbol and soil name	Hand planting suitability		Mechanical planting suitability		Harvest equipment operability		Mechanical site preparation (surface)		Road suitability (natural surface)	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
70051:										
Rueter-----	Very limited		Very limited		Moderately limited		Very limited		Very limited	
	~small stones	1.00	~small stones	1.00	~slope	0.60	~small stones	1.00	~slope	1.00
	(very limited)		(very limited)		(moderately limited)		(very limited)		(very limited)	
	~very sandy (surface)	0.50	~slope	0.99	~very sandy (surface)	0.50	~slope	0.60	~very sandy (surface)	0.50
	(moderately limited)		(limited)		(moderately limited)		(moderately limited)		(moderately limited)	
	~slope	0.14	~very sandy (surface)	0.50					~slippage potential	0.50
	(slightly limited)		(moderately limited)						(moderately limited)	
71252:										
Britwater-----	Slightly limited		Slightly limited		Moderately limited		Not limited		Moderately limited	
	~small stones	0.04	~slope	0.10	~low strength	0.50			~slippage potential	0.50
	(slightly limited)		(slightly limited)		(moderately limited)				(moderately limited)	
			~small stones	0.04					~low strength	0.50
			(slightly limited)						(moderately limited)	
73070:										
Sowcoon-----	Limited		Limited		Limited		Limited		Very limited	
	~seasonally ponded	0.80	~seasonally ponded	0.80	~seasonally ponded	0.80	~seasonally ponded	0.80	~ponded (wetness)	1.00
	(limited)		(limited)		(limited)		(limited)		(very limited)	
					~low strength	0.50	~seasonal wetness	0.29	~low strength	0.50
					(moderately limited)		(slightly limited)		(moderately limited)	
					~seasonal wetness	0.29			~seasonal wetness	0.29
					(slightly limited)				(slightly limited)	
73113:										
Scholten-----	Slightly limited		Slightly limited		Slightly limited		Slightly limited		Moderately limited	
	~small stones	0.24	~small stones	0.24	~seasonal wetness	0.20	~seasonal wetness	0.20	~slippage potential	0.50
	(slightly limited)		(slightly limited)		(slightly limited)		(slightly limited)		(moderately limited)	
			~slope	0.10			~small stones	0.01	~seasonal wetness	0.20
			(slightly limited)				(slightly limited)		(slightly limited)	
73114:										
Captina-----	Not limited		Not limited		Moderately limited		Slightly limited		Moderately limited	
					~low strength	0.50	~seasonal wetness	0.25	~low strength	0.50
					(moderately limited)		(slightly limited)		(moderately limited)	
					~seasonal wetness	0.25			~seasonal wetness	0.25
					(slightly limited)				(slightly limited)	
73115:										
Horneybuck-----	Not limited		Not limited		Moderately limited		Slightly limited		Moderately limited	
					~low strength	0.50	~seasonal wetness	0.26	~low strength	0.50
					(moderately limited)		(slightly limited)		(moderately limited)	
					~seasonal wetness	0.26			~seasonal wetness	0.26
					(slightly limited)				(slightly limited)	

Table 8a.--Forestland Management--Continued

Map symbol and soil name	Hand planting suitability		Mechanical planting suitability		Harvest equipment operability		Mechanical site preparation (surface)		Road suitability (natural surface)	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73115:										
Tonti-----	Not limited		Not limited		Slightly limited		Slightly limited		Slightly limited	
					~seasonal wetness	0.22	~seasonal wetness	0.22	~seasonal wetness	0.22
					(slightly limited)		(slightly limited)		(slightly limited)	
73116:										
Pomme-----	Not limited		Not limited		Moderately limited		Not limited		Moderately limited	
					~low strength	0.50			~slippage potential	0.50
					(moderately limited)				(moderately limited)	
									~low strength	0.50
									(moderately limited)	
73117:										
Clarksville----	Very limited		Limited		Not limited		Limited		Moderately limited	
	~small stones	0.99	~small stones	0.99			~small stones	1.00	~slope	0.30
	(limited)		(limited)				(limited)		(moderately limited)	
	~surface stones	0.30	~surface stones	0.66					~surface stones	0.30
	(slightly limited)		(limited)						(slightly limited)	
			~slope	0.30						
			(slightly limited)							
Scholten-----	Moderately limited		Limited		Slightly limited		Slightly limited		Moderately limited	
	~small stones	0.42	~surface stones	0.66	~seasonal wetness	0.20	~small stones	0.30	~slope	0.30
	(moderately limited)		(limited)		(slightly limited)		(slightly limited)		(moderately limited)	
	~surface stones	0.30	~small stones	0.42			~seasonal wetness	0.20	~surface stones	0.30
	(slightly limited)		(moderately limited)				(slightly limited)		(slightly limited)	
			~slope	0.30					~seasonal wetness	0.20
			(slightly limited)						(slightly limited)	
Hailey-----	Limited		Limited		Not limited		Limited		Moderately limited	
	~small stones	0.86	~small stones	0.86			~small stones	0.87	~slope	0.30
	(limited)		(limited)				(limited)		(moderately limited)	
	~surface stones	0.30	~surface stones	0.66					~surface stones	0.30
	(slightly limited)		(limited)						(slightly limited)	
			~slope	0.30						
			(slightly limited)							
73118:										
Rueter-----	Moderately limited		Moderately limited		Not limited		Slightly limited		Limited	
	~small stones	0.42	~slope	0.47			~small stones	0.30	~slope	0.76
	(moderately limited)		(moderately limited)				(slightly limited)		(limited)	
			~small stones	0.42					~slippage potential	0.50
			(moderately limited)						(moderately limited)	

Table 8a.--Forestland Management--Continued

Map symbol and soil name	Hand planting suitability		Mechanical planting suitability		Harvest equipment operability		Mechanical site preparation (surface)		Road suitability (natural surface)	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73118:										
Goss-----	Slightly limited		Moderately limited		Moderately limited		Not limited		Limited	
	~small stones	0.17	~slope	0.47	~low strength	0.50			~slope	0.76
	(slightly limited)		(moderately limited)		(moderately limited)				(limited)	
			~small stones	0.17					~low strength	0.50
			(slightly limited)						(moderately limited)	
73119:										
Rueter-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~small stones	0.99	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~slope	0.52	~small stones	0.99			~small stones	1.00	~slippage potential	0.50
	(moderately limited)		(limited)				(limited)		(moderately limited)	
Hailey-----	Moderately limited		Very limited		Very limited		Very limited		Very limited	
	~slope	0.52	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(moderately limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~small stones	0.46	~small stones	0.46			~small stones	0.38	~slippage potential	0.90
	(moderately limited)		(moderately limited)				(moderately limited)		(limited)	
	~large stones	0.03	~large stones	0.30			~large stones	0.03		
	(slightly limited)		(moderately limited)				(slightly limited)			
73120:										
Rueter-----	Limited		Very limited		Very limited		Very limited		Very limited	
	~small stones	0.86	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~slope	0.52	~small stones	0.86			~small stones	0.87	~slippage potential	0.50
	(moderately limited)		(limited)				(limited)		(moderately limited)	
73120:										
Gasconade-----	Moderately limited		Very limited		Very limited		Very limited		Very limited	
	~stickiness (surface)	0.50	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(moderately limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~slope	0.46	~restrictive layer	1.00	~stickiness (surface)	0.50	~restrictive layer	1.00	~stickiness (surface)	0.50
	(moderately limited)		(very limited)		(moderately limited)		(very limited)		(moderately limited)	
	~large stones	0.03	~stickiness (surface)	0.50			~stickiness (surface)	0.50	~slippage potential	0.50
	(slightly limited)		(moderately limited)				(moderately limited)		(moderately limited)	
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	



Table 8a.--Forestland Management--Continued

Map symbol and soil name	Hand planting suitability		Mechanical planting suitability		Harvest equipment operability		Mechanical site preparation (surface)		Road suitability (natural surface)	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73121:										
Scholten-----	Not limited		Not limited		Moderately limited		Slightly limited		Moderately limited	
					~low strength	0.50	~seasonal wetness	0.22	~slippage potential	0.50
					(moderately limited)		(slightly limited)		(moderately limited)	
					~seasonal wetness	0.22			~low strength	0.50
					(slightly limited)				(moderately limited)	
									~seasonal wetness	0.22
									(slightly limited)	
Tonti-----	Not limited		Not limited		Slightly limited		Slightly limited		Moderately limited	
					~seasonal wetness	0.23	~seasonal wetness	0.23	~slippage potential	0.50
					(slightly limited)		(slightly limited)		(moderately limited)	
									~seasonal wetness	0.23
									(slightly limited)	
73122:										
Gasconade-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)		(very limited)		(very limited)		(very limited)		(very limited)	
	~stickiness (surface)	0.50	~restrictive layer	1.00	~stickiness (surface)	0.50	~restrictive layer	1.00	~stickiness (surface)	0.50
	(moderately limited)		(very limited)		(moderately limited)		(very limited)		(moderately limited)	
	~small stones	0.14	~stickiness (surface)	0.50			~stickiness (surface)	0.50		
	(slightly limited)		(moderately limited)				(moderately limited)			
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
73123:										
Mano-----	Slightly limited		Moderately limited		Not limited		Not limited		Moderately limited	
	~small stones	0.17	~slope	0.34					~slippage potential	0.50
	(slightly limited)		(moderately limited)						(moderately limited)	
			~small stones	0.17					~slope	0.45
			(slightly limited)						(moderately limited)	
Ocie-----	Slightly limited		Moderately limited		Not limited		Not limited		Moderately limited	
	~small stones	0.19	~slope	0.34					~slippage potential	0.50
	(slightly limited)		(moderately limited)						(moderately limited)	
			~small stones	0.19					~slope	0.45
			(slightly limited)						(moderately limited)	
73124:										
Alred-----	Moderately limited		Very limited		Limited		Limited		Very limited	
	~small stones	0.60	~slope	1.00	~slope	0.68	~slope	0.68	~slope	1.00
	(moderately limited)		(very limited)		(limited)		(limited)		(very limited)	
	~slope	0.16	~small stones	0.60			~small stones	0.60		
	(slightly limited)		(moderately limited)				(moderately limited)			
			~surface stones	0.02						
			(slightly limited)							

Table 8a.--Forestland Management--Continued

Map symbol and soil name	Hand planting suitability		Mechanical planting suitability		Harvest equipment operability		Mechanical site preparation (surface)		Road suitability (natural surface)	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73124:										
Ocie-----	Slightly limited		Limited		Moderately limited		Moderately limited		Very limited	
	~slope	0.14	~slope	0.99	~slope	0.60	~slope	0.60	~slope	1.00
	(slightly limited)		(limited)		(moderately limited)		(moderately limited)		(very limited)	
	~small stones	0.08	~small stones	0.08	~low strength	0.50			~slippage potential	0.50
	(slightly limited)		(slightly limited)		(moderately limited)				(moderately limited)	
			~surface stones	0.02					~low strength	0.50
			(slightly limited)						(moderately limited)	
73125:										
Knobby-----	Slightly limited		Very limited		Not limited		Very limited		Moderately limited	
	~small stones	0.14	~restrictive layer	1.00			~restrictive layer	1.00	~slippage potential	0.50
	(slightly limited)		(very limited)				(very limited)		(moderately limited)	
	~large stones	0.03	~slope	0.34			~large stones	0.03	~slope	0.45
	(slightly limited)		(moderately limited)				(slightly limited)		(moderately limited)	
			~large stones	0.30						
			(moderately limited)							
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
73126:										
Knobby-----	Slightly limited		Very limited		Limited		Very limited		Very limited	
	~slope	0.25	~slope	1.00	~slope	0.91	~restrictive layer	1.00	~slope	1.00
	(slightly limited)		(very limited)		(limited)		(very limited)		(very limited)	
	~small stones	0.03	~restrictive layer	1.00			~slope	0.91	~slippage potential	0.50
	(slightly limited)		(very limited)				(limited)		(moderately limited)	
			~large stones	0.15						
			(slightly limited)							
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
73127:										
Gobbler-----	Slightly limited		Slightly limited		Moderately limited		Not limited		Moderately limited	
	~small stones	0.00	~slope	0.10	~low strength	0.50			~slippage potential	0.50
	(slightly limited)		(slightly limited)		(moderately limited)				(moderately limited)	
			~small stones	0.00					~low strength	0.50
			(slightly limited)						(moderately limited)	
Sonsac-----	Not limited		Slightly limited		Moderately limited		Not limited		Moderately limited	
			~slope	0.20	~low strength	0.50			~slippage potential	0.50
			(slightly limited)		(moderately limited)				(moderately limited)	
									~low strength	0.50
									(moderately limited)	
									~slope	0.15
									(slightly limited)	

Table 8a.--Forestland Management--Continued

Map symbol and soil name	Hand planting suitability		Mechanical planting suitability		Harvest equipment operability		Mechanical site preparation (surface)		Road suitability (natural surface)	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73128:										
Gobbler-----	Slightly limited		Moderately limited		Not limited		Slightly limited		Limited	
	~small stones	0.24	~slope	0.47			~small stones	0.01	~slope	0.76
	(slightly limited)		(moderately limited)				(slightly limited)		(limited)	
			~small stones	0.24					~slippage potential	0.50
			(slightly limited)						(moderately limited)	
			~surface stones	0.02						
			(slightly limited)							
Sonsac-----	Slightly limited		Moderately limited		Moderately limited		Not limited		Limited	
	~small stones	0.13	~slope	0.47	~low strength	0.50			~slope	0.76
	(slightly limited)		(moderately limited)		(moderately limited)				(limited)	
			~small stones	0.13					~slippage potential	0.50
			(slightly limited)						(moderately limited)	
									~low strength	0.50
									(moderately limited)	
73129:										
Gasconade-----	Moderately limited		Moderately limited		Moderately limited		Moderately limited		Moderately limited	
	~stickiness (surface)	0.50	~stickiness (surface)	0.50	~stickiness (surface)	0.50	~stickiness (surface)	0.50	~stickiness (surface)	0.50
	(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)	
	~small stones	0.04	~slope	0.10					~slippage potential	0.50
	(slightly limited)		(slightly limited)						(moderately limited)	
			~small stones	0.04						
			(slightly limited)							
73130:										
Gasconade-----	Moderately limited		Moderately limited		Not limited		Moderately limited		Limited	
	~small stones	0.60	~small stones	0.60			~small stones	0.60	~slope	0.68
	(moderately limited)		(moderately limited)				(moderately limited)		(limited)	
			~slope	0.43					~slippage potential	0.50
			(moderately limited)						(moderately limited)	
73131:										
Gasconade-----	Moderately limited		Limited		Moderately limited		Moderately limited		Very limited	
	~small stones	0.60	~slope	0.68	~stickiness (surface)	0.50	~small stones	0.60	~slope	1.00
	(moderately limited)		(limited)		(moderately limited)		(moderately limited)		(very limited)	
	~stickiness (surface)	0.50	~small stones	0.60	~slope	0.15	~stickiness (surface)	0.50	~stickiness (surface)	0.50
	(moderately limited)		(moderately limited)		(slightly limited)		(moderately limited)		(moderately limited)	
	~slope	0.04	~stickiness (surface)	0.50			~slope	0.15		
	(slightly limited)		(moderately limited)				(slightly limited)			

Table 8a.--Forestland Management--Continued

Map symbol and soil name	Hand planting suitability		Mechanical planting suitability		Harvest equipment operability		Mechanical site preparation (surface)		Road suitability (natural surface)	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73132:										
Gasconade-----	Limited		Very limited		Limited		Very limited		Very limited	
	~large stones	0.60	~slope	1.00	~slope	0.72	~restrictive layer	1.00	~slope	1.00
	(limited)		(very limited)		(limited)		(very limited)		(very limited)	
	~stickiness (surface)	0.50	~restrictive layer	1.00	~stickiness (surface)	0.50	~slope	0.72	~stickiness (surface)	0.50
	(moderately limited)		(very limited)		(moderately limited)		(limited)		(moderately limited)	
	~slope	0.18	~large stones >35%	0.99			~large stones	0.60	~slippage potential	0.50
	(slightly limited)		(very limited)				(limited)		(moderately limited)	
73133:										
Alred-----	Slightly limited		Slightly limited		Moderately limited		Not limited		Moderately limited	
	~small stones	0.08	~slope	0.10	~low strength	0.50			~low strength	0.50
	(slightly limited)		(slightly limited)		(moderately limited)				(moderately limited)	
			~small stones	0.08						
			(slightly limited)							
Ocie-----	Not limited		Slightly limited		Moderately limited		Not limited		Moderately limited	
			~slope	0.10	~low strength	0.50			~slippage potential	0.50
			(slightly limited)		(moderately limited)				(moderately limited)	
									~low strength	0.50
									(moderately limited)	
73134:										
Alred-----	Moderately limited		Moderately limited		Not limited		Slightly limited		Limited	
	~small stones	0.42	~slope	0.47			~small stones	0.30	~slope	0.76
	(moderately limited)		(moderately limited)				(slightly limited)		(limited)	
			~small stones	0.42						
			(moderately limited)							
			~surface stones	0.02						
			(slightly limited)							
Ocie-----	Slightly limited		Moderately limited		Moderately limited		Not limited		Limited	
	~small stones	0.13	~slope	0.47	~low strength	0.50			~slope	0.76
	(slightly limited)		(moderately limited)		(moderately limited)				(limited)	
			~small stones	0.13					~slippage potential	0.50
			(slightly limited)						(moderately limited)	
			~surface stones	0.02					~low strength	0.50
			(slightly limited)						(moderately limited)	
Sonsac-----	Slightly limited		Moderately limited		Moderately limited		Not limited		Limited	
	~small stones	0.08	~slope	0.47	~low strength	0.50			~slope	0.76
	(slightly limited)		(moderately limited)		(moderately limited)				(limited)	
			~surface stones	0.45					~low strength	0.50
			(moderately limited)						(moderately limited)	
			~small stones	0.08						
			(slightly limited)							

Table 8a.--Forestland Management--Continued

Map symbol and soil name	Hand planting suitability		Mechanical planting suitability		Harvest equipment operability		Mechanical site preparation (surface)		Road suitability (natural surface)	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
74638:										
Waben-----	Slightly limited		Slightly limited		Not limited		Slightly limited		Limited	
	~small stones	0.24	~small stones	0.24			~small stones	0.01	~slippage potential	0.90
	(slightly limited)		(slightly limited)				(slightly limited)		(limited)	
			~slope	0.10						
			(slightly limited)							
74639:										
Waben-----	Very limited		Very limited		Moderately limited		Very limited		Limited	
	~small stones	1.00	~small stones	1.00	~very sandy (surface)	0.50	~small stones	1.00	~slippage potential	0.90
	(very limited)		(very limited)		(moderately limited)		(very limited)		(limited)	
	~very sandy (surface)	0.50	~very sandy (surface)	0.50					~slope	0.76
	(moderately limited)		(moderately limited)						(limited)	
			~slope	0.47					~very sandy (surface)	0.50
			(moderately limited)						(moderately limited)	
74640:										
Hootentown----	Not limited		Not limited		Moderately limited		Not limited		Moderately limited	
					~low strength	0.50			~low strength	0.50
					(moderately limited)				(moderately limited)	
75401:										
Horsecreek-----	Not limited		Not limited		Moderately limited		Not limited		Moderately limited	
					~low strength	0.50			~flooding	0.60
					(moderately limited)				(moderately limited)	
									~low strength	0.50
									(moderately limited)	
Jamesfin-----	Not limited		Not limited		Moderately limited		Not limited		Moderately limited	
					~low strength	0.50			~flooding	0.60
					(moderately limited)				(moderately limited)	
									~low strength	0.50
									(moderately limited)	
75402:										
Pinerun-----	Not limited		Not limited		Moderately limited		Not limited		Moderately limited	
					~low strength	0.50			~flooding	0.60
					(moderately limited)				(moderately limited)	
									~low strength	0.50
									(moderately limited)	
75403:										
Cedargap-----	Limited		Limited		Not limited		Limited		Moderately limited	
	~small stones	0.73	~small stones	0.73			~small stones	0.73	~flooding	0.60
	(limited)		(limited)				(limited)		(moderately limited)	

Table 8a.--Forestland Management--Continued

Map symbol and soil name	Hand planting suitability		Mechanical planting suitability		Harvest equipment operability		Mechanical site preparation (surface)		Road suitability (natural surface)	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
75403:										
Woolly-----	Limited		Limited		Moderately limited		Limited		Moderately limited	
	~small stones	0.86	~small stones	0.86	~stickiness (surface)	0.50	~small stones	0.87	~flooding	0.60
	(limited)		(limited)		(moderately limited)		(limited)		(moderately limited)	
	~stickiness (surface)	0.50	~stickiness (surface)	0.50			~stickiness (surface)	0.50	~stickiness (surface)	0.50
	(moderately limited)		(moderately limited)				(moderately limited)		(moderately limited)	
75404:										
Pinerun-----	Slightly limited		Slightly limited		Not limited		Slightly limited		Moderately limited	
	~small stones	0.24	~small stones	0.24			~small stones	0.01	~flooding	0.60
	(slightly limited)		(slightly limited)				(slightly limited)		(moderately limited)	
75405:										
Pinerun-----	Moderately limited		Moderately limited		Not limited		Moderately limited		Moderately limited	
	~small stones	0.49	~small stones	0.49			~small stones	0.42	~flooding	0.60
	(moderately limited)		(moderately limited)				(moderately limited)		(moderately limited)	
Waben-----	Slightly limited		Slightly limited		Not limited		Slightly limited		Limited	
	~small stones	0.24	~small stones	0.24			~small stones	0.01	~slippage potential	0.90
	(slightly limited)		(slightly limited)				(slightly limited)		(limited)	
99000:										
Pits, quarries-	Not rated		Not rated		Not rated		Not rated		Not rated	
99001:										
Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	
99005:										
Landfills-----	Not rated		Not rated		Not rated		Not rated		Not rated	